

Submit In Quadruplicate To:

MONTANA BOARD OF OIL AND GAS CONSERVATION
2535 ST. JOHNS AVENUE
BILLINGS, MONTANA 59102

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JUL 27 2022

SUNDRY NOTICES AND REPORT OF WELLS

Operator White Rock Oil & Gas, LLC
Address 5810 Tennyson Parkway
City Plano State TX Zip Code 75024
Telephone 214-981-1400 Fax 214-981-1401

Lease Name: Albin Farms
MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Type (Private/State/Federal/Tribal/Allotted): Private

Well Number: 34X-32

Location of well (1/4-1/4 section and footage measurements): SWSE 500FSL and 2140FEL

Unit Agreement Name:

Field Name or Wildcat: Elm Coulee

Township, Range, and Section: 24N-57E-32

API Number:
25 | 083 | 21972
State County Well

Well Type (oil, gas, injection, other): Oil

County: Richland


Indicate below with an X the nature of this notice, report, or other data:

Notice of Intention to Change Plans	<input type="checkbox"/>	Subsequent Report of Mechanical Integrity Test	<input type="checkbox"/>
Notice of Intention to Run Mechanical Integrity Test	<input type="checkbox"/>	Subsequent Report of Stimulation or Treatment	<input type="checkbox"/>
Notice of Intention to Stimulate or to Chemically Treat	<input type="checkbox"/>	Subsequent Report of Perforation or Cementing	<input type="checkbox"/>
Notice of Intention to Perforate or to Cement	<input type="checkbox"/>	Subsequent Report of Well Abandonment	<input type="checkbox"/>
Notice of Intention to Abandon Well	<input type="checkbox"/>	Subsequent Report of Pulled or Altered Casing	<input checked="" type="checkbox"/>
Notice of Intention to Pull or Alter Casing	<input type="checkbox"/>	Subsequent Report of Drilling Waste Disposal	<input type="checkbox"/>
Notice of Intention to Change Well Status	<input type="checkbox"/>	Subsequent Report of Production Waste Disposal	<input type="checkbox"/>
Supplemental Well History	<input type="checkbox"/>	Subsequent Report of Change in Well Status	<input type="checkbox"/>
Other (specify) _____	<input type="checkbox"/>	Subsequent Report of Gas Analysis (ARM 36.22.1222)	<input type="checkbox"/>

Describe Proposed or Completed Operations:

Describe planned or completed work in detail. Attach maps, well-bore configuration diagrams, analyses, or other information as necessary. Indicate the intended starting date for proposed operations or the completion date for completed operations.
The well is planned to be a plug and perf re-entry refrac in Richland County, MT. A 3-1/2" liner & a 4-1/2" liner was run inside two existing laterals. Please see attached report.
Also attached is the frac disclosure for frac approval prior to the stimulation.

The undersigned hereby certifies that the information contained on this application is true and correct:

BOARD USE ONLY
Approved AUG 01 2022
Date

Name
Petroleum Engineer
Title

7/22/2022
Date

Signed (Agent)
Eric Linthicum, Regulatory Manager
Print Name and Title
Telephone: 214-666-4826

SUPPLEMENTAL INFORMATION

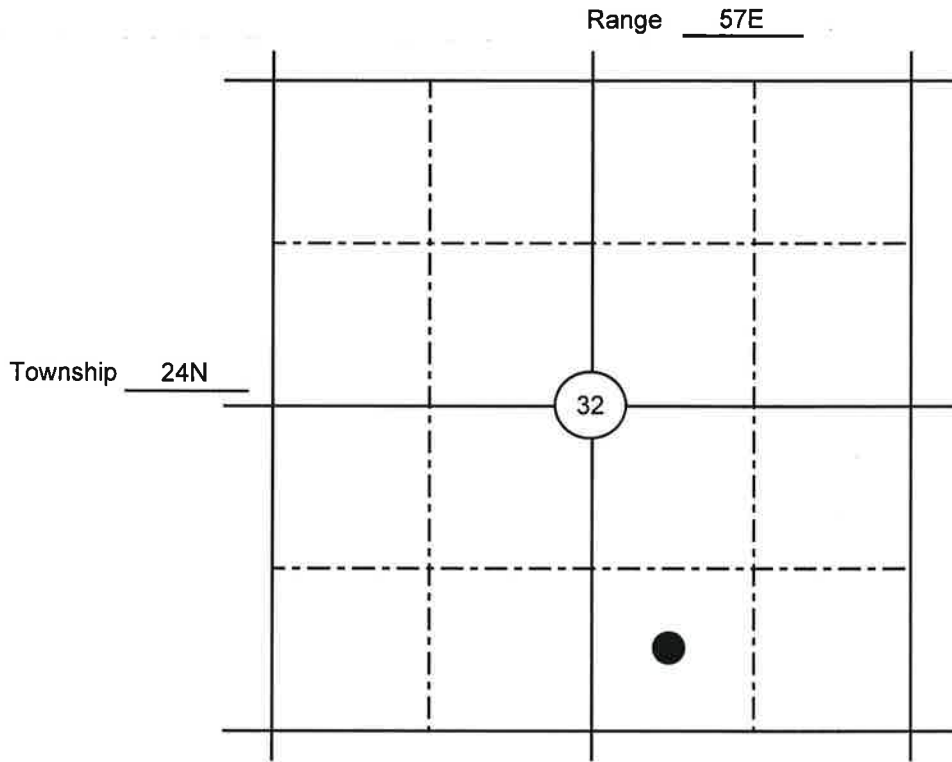
NOTE: Additional information or attachments may be required by Rule or by special request.

Plot the location of the well or site that is the subject of this notice or report.

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BOARD USE ONLY

CONDITIONS OF APPROVAL

The operator must comply with the following condition(s) of approval:

Failure to comply with the conditions of approval may void this permit.

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White Rock Oil and Gas Proposed Well Stimulation

Total Clean Fluid - 54,280 bbl

Maximum Anticipated Treating Pressure - 9,000 psi

Hydraulic Fracturing Fluid Components Information Disclosure

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Mass per Component (lbs)	Maximum Ingredient Concentration in HF Fluid (% by mass)**
Water	CUSTOMER	BASE FLUID	WATER	7732-18-5	100.00%	18990401	88.727994%
FRAC SAND (ALL MESH)	PROPPANT SPECIALTIES	PROPPANT	CRYSTALLINE SILICA	14808-60-7	100.00%	2324000	10.858321%
HCL 7.5%-15%	INDUSTRIAL CHEMICAL	HYDROCHLORIC ACID	HYDROCHLORIC ACID	7647-01-0	10.00%	3063	0.014309%
ECONO-C300	ECONOMY POLYMERS	ACID CORROSION INHIBITOR	WATER	7732-18-5	90.00%	27563	0.138779%
			Methanol	67-56-1	60.00%	51	0.000239%
BP-HS1	ECONOMY POLYMERS	IRON SEQUESTERING AGENT	Propargyl alcohol	107-19-7	10.00%	9	0.000040%
			Nitric acid, Triiodium salt	5064-31-3	42.00%	81	0.000380%
			Sodium Hydroxide	1310-73-2	2.00%	4	0.000018%
DMUL150	IRON HORSE CHEMICALS	DEMULSIFIER	Water	7732-18-5	60.00%	116	0.000542%
			Isopropyl alcohol	67-63-0	70.00%	11315	0.052864%
			Alcohol ethoxydate	6849-46-3	20.00%	3233	0.015104%
			2-Propanoic acid, polymer with				
			4-(1,1-dimethyl-2-phenyl)phenol, formaldehyde,				
			2,5-furandione, methylloxirane, 4-nonylphenol and				
			o-creta	129828-31-5	20.00%	3233	0.015104%
			Solvent naphtha (petroleum), Heavy arom.	64742-84-5	10.00%	1616	0.00752%
			Naphthalene	91-20-3	1.00%	162	0.000755%
LIQUID BIOCODE	VARIOUS SUPPLIERS	BIOCODE	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	7173-51-5	12.00%	353	0.001647%
			Ethyl alcohol	64-17-5	3.00%	88	0.000412%
TSI-500	ECONOMY POLYMERS	SCALE INHIBITOR	Ethylene glycol	107-21-1	40.00%	2070	0.009673%
WLO-F	IRON HORSE CHEMICALS	FRESH WATER HVFR	Hydro-treated light distillate (petroleum)	64742-47-8	45.00%	12312	0.057525%
			Poly(oxy-1,2-ethanediy), alpha-,triethyl-,omega-,hydroxy-, branched	59011-36-5	5.00%	1388	0.006992%
CEMVERT+ DS25	DVERTER PLUS	DVERTING AGENT	Polystyrene Resin	9051-99-2	100.00%	6000	0.028024%

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